

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11045	257/678,737,738,e21.508,e21.509,e23.021,e23.069.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 15:56
L2	9179	1 and ((solder adj (bump or ball)) or solder or pad)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 15:57
L3	545	2 and resilien\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 15:58
L4	584	1 and resilien\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 15:58
L5	187	3 and (resilien\$3 with side\$2 or sidewall\$3 or (side adj wall))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 15:59
L6	77	5 and passivat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 15:59
L7	61	6 and nickel\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 16:00
L8	1	7 and (vanadium)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 16:02
L9	59	7 and copper	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 16:34
L10	58	9 and (@ad<"20031201" or @rlad<"20031201")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 16:02
L11	11	("3969751"   "4622576"   "4853755"   "5384480"   "5426313"   "5563102"   "5665639"   "5723369"   "5902686"   "6069066"   "6287893").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 16:26
L12	38	("3686698"   "3719981"   "3859723"   "4189825"   "4600600"   "4732874"   "4742023"   "4764248"   "4851358"   "4879259"   "4880708"   "4894350"   "4948754"   "4950623"   "4952556"   "4989065"   "5017508"   "5059553"   "5100835"   "5108950"   "5115964"   "5137845"   "5162257"   "5173449"   "5180482"   "5186383"   "5208186"   "5217754"   "5233504"   "5244833"   "5249732"   "5250466"   "5266519"   "5270253"   "5298459"   "5310699"   "5391516"   "5545589").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 16:27
L13	5	("6630736").URPN.	USPAT	OR	ON	2006/06/08 16:31

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L14	18	6 not 9	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 17:24
L15	102	(4 not 7) and passivat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 17:27
L16	11	"6261671"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 17:34
L17	8	("4752499"   "5021472"   "5055321"   "5447996"   "5589255"   "5688583"   "5741575"   "6010768").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 17:36
L18	8	((solder adj (bump or ball)) or solder or solderball) and resilien\$3 and passivat\$3 and (nickel-vanadium or (nickel adj vanadium) or "NiV") and (electrode or pad or terminal or contact\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 17:40
L19	3	((solder adj (bump or ball)) or solder or solderball) and resilien\$3 and passivat\$3 and (electrode or pad or terminal or contact\$3)).clm.	US-PGPUB	OR	ON	2006/06/08 17:41
L20	9	((solder adj (bump or ball)) or solder or solderball) and resilien\$3 and passivat\$3 and (electrode or pad or terminal or contact\$3)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 17:42
L21	521	((solder adj (bump or ball)) or solder or solderball) and resilien\$3 and passivat\$3 and (electrode or pad or terminal or contact\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 17:42
L22	439	21 not (7 8 14 16 17 18 19 20)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 17:57
L23	52	22 and (resilien\$3 with (sidewall or side or wall))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 17:58
L24	2257	257/737.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 17:55
L25	12	("20020185733"   "20030057551"   "20030080392"   "20030116845"   "20030162380"   "20030164552"   "20030189261"   "20030219987"   "20040035909"   "6413851"   "6417089"   "6501185").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/08 17:49
L26	0	("6891274").URPN.	USPAT	OR	ON	2006/06/08 17:51
L27	772	h01i21/44.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 17:55
L28	7	27 and resilien\$3 and passivat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 17:56

## EAST Search History

L30	293	((under or solder) adj (bump or ball or pad or electrode)) and resiliens\$3 and passivat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 17:57
L31	194	30 not (7 8 14 16 17 18 19 20 23 28)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 17:58
L32	0	31 and (resiliens\$3 with (sidewall or side or wall))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 17:58
S1	1	"20020121692"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 19:19
S2	16	"6350668"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 19:26
S3	83	"5925931"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 19:18
S4	70	"6084781"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 19:18
S5	5	("2002/0121692").URPN.	USPAT	OR	ON	2005/09/23 19:21
S6	35	(S3 S4) and (ball or solder or solderball or (solder adj ball) or bump) and passivat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/23 19:28
S7	0	10/726042	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/25 15:41
S8	3	((("6327158") or ("6462426") or ("6468892"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2005/09/25 15:41
S9	5	("5629564"   "5656858"   "6020640"   "6049130"   "6249044").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/25 15:50
S10	8	("4205099"   "4816967"   "5258334"   "5496770"   "5834844"   "6022792"   "6034431"   "6049130").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/25 15:56
S11	11	("6249044").URPN.	USPAT	OR	ON	2005/09/25 15:58
S12	4	("6462426").URPN.	USPAT	OR	ON	2005/09/25 16:03
S14	1	((solder adj (bump or ball)) or solder) and ("UBM" or (under adj bump adj (metall\$3 or metallizat\$3))) and resili\$3 and passivat\$3 and (nickel-vanadium or (nickel adj vanadium) or "NiV") and (electrode or (contact adj pad))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/06/08 17:37

## EAST Search History

S15	67	((solder adj (bump or ball)) or solder) and ("UBM" or (under adj bump adj (metall\$3 or metallizat\$3))) and passivat\$3 and (nickel-vanadium or (nickel adj vanadium) or "NiV") and (electrode or (contact adj pad))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/25 16:17
S17	48	S15 and (poly\$3 or polyimid\$3 or benzocyclobutene)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/25 16:12
S18	1	S17 and resilien\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/25 16:12
S19	3	S17 and (taper\$3 or slant\$3 or angl\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/25 16:13
S20	67	((solder adj (bump or ball)) or solder) and ("UBM" or (under adj bump adj (metall\$4 or metallizat\$3))) and passivat\$3 and (nickel-vanadium or (nickel adj vanadium) or "NiV") and (electrode or (contact adj pad))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/25 16:21
S21	1	"20040134974"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/25 16:29
S22	1	"6916732"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/25 16:29
S23	5	("2002/0121692").URPN.	USPAT	OR	ON	2006/02/07 16:18
S24	7	09/031167	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/02/08 11:42
S25	0	10/726042	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/02/08 12:23